

## CURRICULUM VITAE



### **Ryan K. Noble** **Special Agent / Certified Fire Investigator**

United States Department of Justice  
Bureau of Alcohol, Tobacco, Firearms, and Explosives (ATF)  
Fire Investigation and Arson Enforcement Division  
National Response Team  
National Center for Explosives Training and Research  
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#### **EDUCATION:**

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Current Enrollment	Currently enrolled in Oklahoma State University with 27 graduate credits completed towards a Master of Science, Forensic Arson and Explosives Investigation
2001	Bachelor of Science, Animal Science Colorado State University

#### **PROFESSIONAL EXPERIENCE:**

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Since March 2015, I have been employed by the United States Department of Justice, Bureau of Alcohol, Tobacco, Firearms, and Explosives (ATF) as a Special Agent who is designated as an “investigative or law enforcement officer of the United States,” within the meaning of Title 18 United States Code, Section 2510(7): that is an officer of the United States empowered by law to conduct investigations of and to make arrests for offenses enumerated by statute in the United States Code (U.S.C.) and is authorized to apply for a search warrants under the Federal Rules of Criminal Procedure, Rule 41(a)(2)(C) as a “Federal law enforcement officer... who is enforcing the criminal laws, and is within, any category of officer, authorized by the Attorney General, to request a search warrant.”

To date, I have participated in more than 500 fire and/or explosion scene examinations, authored more than 250 origin and cause reports, have deployed on 17 ATF National Response Team activations, and have testified as an expert witness in the State of Colorado.

May 2022 – Present	<b>Full-time ATF National Response Team Member</b> Bureau of Alcohol, Tobacco, Firearms, and Explosives National Center for Explosives Training and Research Fire Investigation and Arson Enforcement Division National Response Team
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**Duties:** Full-time member, tasked with responding to large scale fire and explosion incidents throughout the United States, and internationally, with a select group of other ATF Special Agents / Certified Fire Investigators (SA/CFI), Special Agent / Certified Explosives Specialists (SA/CES), chemists, fire protection engineers, electrical engineers, and other experts to conduct origin and cause investigations and to provide technical support and expertise at the request of state and local authorities. Other investigative responsibilities include forensic scene documentation, operating Unmanned Aerial Systems (UAS), 360° photography, incident safety officer, heavy equipment coordinator, identification and collection of evidence, processing the collected evidence for submission to the laboratory, interviewing witnesses and suspects, authoring reports, and preparing incident presentations.

10/2021 - Present

**Special Agent / Certified Fire Investigator**

Bureau of Alcohol, Tobacco, Firearms, and Explosives

**Duties:** Tasked with the investigation and enforcement of violations of Federal law to include the use of fire and explosives to affect interstate commerce. Primary responsibilities include but are not limited to: fire origin and cause determinations; scene documentation; identification and collection of evidence from fire and explosion scenes, processing the collected evidence for submission to the laboratory; interviewing witnesses and suspects; examining and analyzing business records and other documents; authoring reports; preparing and presenting criminal case filings to the United States Attorney's Office for prosecution of violations of Federal law; preparing and serving search and/or arrest warrants, and providing courtroom testimony as a government witness. Additional responsibilities include acting as a liaison with state and local agencies by working collaboratively on joint investigations, and by providing knowledge, training, and expertise in the field of fire and explosion investigations.

7/2018 – 5/2022

**Part-time ATF National Response Team Member**

**Duties:** Part-time member, tasked with responding to large scale fire and explosion incidents throughout the United States with a select group of other ATF Special Agents / Certified Fire Investigators (SA/CFI), Special Agent / Certified Explosives Specialists (SA/CES), chemists, fire protection engineers, electrical engineers, and other experts to conduct origin and cause investigations and to provide technical support and expertise at the request of state and local authorities. Other investigative responsibilities include scene documentation, identification and collection of evidence, processing the collected evidence for submission to the laboratory, interviewing witnesses and suspects, and authoring reports.

6/2019 – 10/2021

**Special Agent / Certified Fire Investigator Candidate**

Bureau of Alcohol, Tobacco, Firearms, and Explosives

Denver Field Division, Denver Group II

Denver, Colorado

**Duties:** Tasked with the investigation and enforcement of violations of Federal law to include the use of fire and explosives to affect interstate commerce. Primary responsibilities during the two-year Certified Fire Investigator Candidate (CFIC) training program include conducting a minimum of 100 fire scene examinations under the mentoring of another ATF Special Agent / Certified Fire Investigator (CFI) or other experienced certified fire investigator, documenting a minimum of 80 of the origin and cause determinations in written reports, obtaining mandatory training at the National Fire Academy, taking graduate level courses at Oklahoma State University, taking ATF classes related to fire investigation, and the completion of a research project/paper related to an aspect of fire investigation. Other investigative responsibilities include scene documentation; identification and collection of evidence from fire and explosion scenes, processing the collected evidence for submission to the laboratory; interviewing witnesses and suspects; examining and analyzing business records and other documents; authoring reports; preparing and presenting criminal case filings to the United States Attorney's Office for prosecution of violations of Federal law; preparing and serving search and/or arrest warrants, and providing courtroom testimony as a government witness.

3/2015 – 6/2019

**Special Agent**

Bureau of Alcohol, Tobacco, Firearms, and Explosives

Denver Field Division, Denver Group I and Group II

Denver, Colorado

**Duties:** Tasked with the investigation and enforcement of violations of Federal alcohol, tobacco, firearms, explosives, and arson law to include the use of fire and explosives to affect interstate commerce, the illegal acquisition, possession, and use of firearms and their associated criminal violations. Primary responsibilities included fire/explosion scene documentation; identification and collection of evidence, processing the collected evidence for submission to the laboratory; interviewing witnesses and suspects; conducting proactive, reactive, and adoptive case work; conducting surveillance, undercover and protective operations; examining and analyzing business records and other documents; authoring reports; preparing and presenting criminal case filings to the United States Attorney's Office for prosecution of violations of Federal law; preparing and serving search and/or arrest warrants, and providing courtroom testimony as a government witness.

8/2008 – 3/2015

**Fire Investigator**

Denver Fire Department  
 Fire Investigation Unit  
 Denver, Colorado

**Duties:** Designated as a peace officer by the State of Colorado, under Colorado Revised Statutes (CRS), Section 16-2.5-109 Fire Arson Investigator. Tasked with the investigation and enforcement of violations of arson and related offenses enumerated in Colorado law. Primary duties included conducting origin and cause investigations related to fire and explosion incidents for the City and County of Denver; scene documentation; identification and collection of evidence, processing the collected evidence for submission to the laboratory; interviewing witnesses and suspects; examining and analyzing business records and other documents; authoring reports; preparing and presenting criminal case filings to the Denver District Attorney's Office for prosecution of violations of the Colorado Revised Statutes; preparing and serving search and/or arrest warrants, and providing courtroom testimony. Additional duties included the development and implementation of a department-wide, in-service training course on Fire Investigation and Advanced Fire Dynamics for the Denver Fire Department; providing fire investigation training to affiliate agencies; co-coordinated the 2011, 2012, and 2013 Denver Advanced Fire Investigation Seminars, and I was the Colorado Criminal Information Center (CCIC) coordinator for the Denver Fire Department.

1/2003 – 8/2008

**Firefighter**

Denver Fire Department  
 Denver, Colorado

**Duties:** Primarily assigned to fire engine companies tasked with providing on-scene basic life support, fire suppression, disaster mitigation, and fire code inspection of various businesses. Certified as an Emergency Medical Technician (EMT) and trained in forcible entry, vehicle extrications, ventilation, fire dynamics, fire suppression and prevention, building and area searches.

**PROFESSIONAL ORGANIZATION MEMBERSHIPS:**

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2008 – Present International Association of Arson Investigators (IAAI) – National Membership

2008 – Present International Association of Arson Investigators - Colorado Chapter Membership  
 District Director since January 2020

**CERTIFICATIONS:**

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2022 Federal Aviation Administration – Part 107 Small Unmanned Aircraft System

2021 Certified Fire Investigator – Bureau of Alcohol, Tobacco, Firearms, and Explosives

2021 Certified Fire Investigator – International Association of Arson Investigators

2019 Hazardous Waste Operations and Emergency Response – Occupational Health and Safety Administration

2010 Fire Investigation Technician - International Association of Arson Investigators

2004 Firefighter II - Colorado Metropolitan Certification Board

2003 Firefighter I - Colorado Metropolitan Certification Board

2003 Hazmat Awareness & Operations – Colorado Metropolitan Certification Board

**EXPERT TESTIMONY**

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2014 Denver District Court 12CR04958, The State of Colorado vs Alfred D. Flores

**AWARDS**

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2015 Todd McKeehan Memorial Academic Award - Bureau of Alcohol, Tobacco, Firearms, and Explosives

2003 Firefighter Basic Academy Valedictorian - Denver Fire Department

2002 Firefighter 1 Academy Valedictorian - Aims Community College

**PROFESSIONAL TRAINING RECEIVED:**

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2023 Ethical Research & Scientific Writing, Oklahoma State University, 3 credit hour graduate class.

2023 ATF National Response Team annual training, Denver, Colorado. 24 hours of non-tested training.

2022 Statistics, Oklahoma State University, 3 credit hour graduate class.

2022 International Association of Arson Investigators (IAAI) Colorado Chapter Annual Training Conference, Vail, Colorado, 24 hours of non-tested training.

2022 Advanced Computer Fire Modeling, Oklahoma State University, 3 credit hour graduate class.

2022 ATF National Response Team annual training, Regional Emergency All-Climate Training Center, Volk Field Air National Guard Base, Camp Douglas, Wisconsin. 24 hours of non-tested training.

2022 ATF Certified Fire Investigator annual training, National Center for Explosives Training and Research, Huntsville, Alabama, 24 hours of non-tested training.

2021 Computer Fire Modeling, Oklahoma State University, 3 credit hour graduate class.

2021 ATF National Response Team annual training, National Center for Explosives Training and Research, Huntsville, Alabama, 12 hours of non-tested training.

2021 Incident Safety Officer, National Center for Explosives Training and Research, Huntsville, Alabama, 28 hours of tested training.

2021 Enclosure Fire Dynamics, ATF Fire Research Laboratory, Beltsville, Maryland, 64 hours of tested training.

2021 Advanced Fire Dynamics, Oklahoma State University, three credit hour graduate level class.

2021 The Law and Expert Evidence, Oklahoma State University, three credit hour graduate level class

2020 Criminalistics and Evidence Analysis, Oklahoma State University, three credit hour graduate level class

2020 Advanced Origin and Cause / Courtroom Testimony, National Center for Explosives Training and Research, Huntsville, Alabama, 88 hours of tested training.

2020 Fire Dynamics in Forensic Investigations, Oklahoma State University, three credit hour graduate level class.

2020 Forensic Applications of Fire Alarm Systems, Dane County Arson Response Initiative, Zoom virtual meeting, one hour of tested training.

2020 Identifying Damage to Electrical Conductors for Fire Investigators, Dane County Arson Response Initiative, Zoom virtual meeting, one hour of tested training.

2020 Receptacle Fires, Dane County Arson Response Initiative, Zoom virtual meeting, one hour of tested training.

2020 ATF National Response Team annual training, National Center for Explosives Training and Research, Huntsville, Alabama, 40 hours of non-tested training.

2019	Methods in Fire and Explosion Investigation NFPA 921/1033/495, Oklahoma State University, three credit hour graduate level class.
2019	International Association of Arson Investigators (IAAI) Colorado Chapter Annual Training Conference, Vail, Colorado, 24 hours of non-tested training.
2019	ATF National Response Team annual training, National Center for Explosives Training and Research, Huntsville, Alabama, 40 hours of non-tested training.
2019	R-255 Electrical Aspects of Fire Investigation, U.S. Fire Administration National Fire Academy, Emmitsburg, MD, 40 hours of tested training.
2019	R-206 Fire Investigation Essentials, U.S. Fire Administration, National Fire Academy, Emmitsburg, MD, 80 hours of tested training.
2019	Denver Fire Department Advanced Fire Investigation Seminar, Denver, Colorado, 20 hours of tested training.
2019	Hazardous Waste Operations and Emergency Response (HAZWOPER), Compliance Solutions, Denver, Colorado, 40 hours of tested training.
2018	Post Fire Investigation of Commercial Kitchen Fires, Multi-Agency Fire Investigation Team, Colorado, one-and one-half hours of non-tested training.
2018	Power Hawk Rescue Systems, International Association of Bomb Technicians and Investigators (IABTI), Denver, Colorado, six hours of non-tested training.
2018	Explosive Device Recovery Utilizing a Robot, International Association of Bomb Technicians and Investigators (IABTI), Adams County, CO, six hours of non-tested.
2018	Crime Scene Photography, Denver Police Department Crime Scene Investigation Unit, Denver, Colorado, one hour of non-tested training.
2018	Aerial Surveillance Techniques, International Association of Bomb Technicians and Investigators (IABTI), Boulder, Colorado, four hours of non-tested training.
2017	Post-Blast Investigative Techniques, National Center for Explosives Training and Research, Huntsville, Alabama, 40 hours of tested training.
2017	Solar Systems and Investigations after an Emergency, Multi-Agency Fire Investigation Team, Boulder, Colorado, one hour of non-tested training.
2017	Marijuana Explosion Investigations, International Association of Bomb Technicians and Investigators (IABTI), Aurora, Colorado, three hours of non-tested training.
2017	FI-210 Wildland Fire Origin & Cause Determination, National Wildfire Coordinating Group, Parker, Colorado, 40 hours of tested training.
2017	Advanced Arson and Explosives Investigations for Agents Course, National Center for Explosives Training and Research, Huntsville, Alabama, 64 hours of tested training.
2015	ATF Special Agent Basic Training, Federal Law Enforcement Training Center, Glynco, Georgia, 622.75 hours of tested training which included 80 hours of tested training regarding fire and explosives investigations.
2015	Criminal Investigator Training Program, Federal Law Enforcement Training Center, Glynco, Georgia, 448 hours of tested training.
2013	RAE Systems Service Technicians Course, RAE Systems, Denver, Colorado, 16 hours of non-tested training.
2013	Denver Fire Department Advanced Fire Investigation Seminar, Denver, Colorado, 35 hours of tested training.

2013	Fire and Explosives Evidence Collection, Bureau of Alcohol, Tobacco, Firearms, and Explosives, Denver, Colorado, eight hours of tested training.
2013	Fire Protection Annual Symposium, Rocky Mountain Fire Protection Engineer's Association, Boulder, Colorado, three hours of non-tested training.
2012	Five Stages of Successful Interview Techniques, Public Agency Training Counsel, Denver, Colorado, 20 hours of non-tested training.
2012	Denver Fire Department Advanced Fire Investigation Seminar, Denver, Colorado, 36 hours of tested training.
2012	Expert Witness Trial Preparations, National Institute for Trial Advocacy, Boulder, Colorado, eight hours of non-tested training.
2012	Get Confessions: Going Beyond the Interview, Public Agency Training Counsel, Denver, Colorado, 16 hours of tested training.
2011	Fire and Arson Fatality Fire Scene Investigations, Public Agency Training Counsel, Loveland, Colorado, 16 of hours tested training.
2011	Denver Fire Department Advanced Fire Investigation Seminar, Denver, Colorado, 36 hours of tested training.
2011	Psychological Profiles of Fire Setters, Center for Arson Research, Denver, Colorado, eight hours of tested training.
2011	Expert Witness Trial Preparations, National Institute for Trial Advocacy, Boulder, Colorado, eight hours of non-tested training.
2010	Denver Fire Department Advanced Fire Investigation Seminar, Denver, Colorado, 32 hours of tested training.
2010	Expert Witness Trial Preparations, National Institute for Trial Advocacy, Boulder, Colorado, eight hours of non-tested training.
2010	Vehicle Fire Investigation, Public Agency Training Counsel, National Association of Fire Investigators (NAFI) Certified Vehicle Fire Investigator (CVFI) Training Course, Loveland, Colorado, 20 hours of tested training.
2010	Exigent Circumstances and Consent to Search, International Association of Arson Investigators (IAAI) Colorado Chapter, Denver, Colorado, one hour of tested training.
2010	Conducting Firefighter Death/Injury Investigations, Public Agency Training Counsel, Loveland, Colorado, 16 hours of tested training.
2010	Fingerprint Collection, Denver Police Department Crime Lab, Denver, Colorado, three hours of non-tested training.
2009	Denver Fire Department Advanced Fire Investigation Seminar, Denver, Colorado, 40 hours of tested training.
2009	Certified Fire and Explosion Investigator (CFEI) certification course, National Association of Fire Investigators (NAFI), Denver, Colorado, 24 hours of tested training.
2009	Denver Police Department Basic Recruit Training, Denver, Colorado, 551.5 hours of tested training.
2008	Denver Fire Department Advanced Fire Investigation Seminar, Denver, Colorado, 35 hours of tested training.
2007	IS-00800 National Response Plan, Unites States Department of Homeland Security.
2006	IS-00200 Incident Command System for Single Resource and Initial Action Incidents, Unites States Department of Homeland Security.
2006	IS-00100 Incident Command System, United States Department of Homeland Security.



- 2006 IS-00700 National Incident Management System, United States Department of Homeland Security.
- 2003 Firefighter Basic Academy, Denver Fire Department Denver, Colorado, 20 weeks of tested training.
- 2002 Firefighter 1 Academy, Aims Community College, Greeley, Colorado, 15 weeks of tested training.

*On-Line Training Modules Completed through IAAI's CFITrainer.Net*

To date, I have completed 258 hours of tested training modules through CFITrainer.net to include the following:

- 2021 Fire Investigator Scene Safety (refresher).
- 2020 Principles of Fire Investigation Multi-Program, Fire Investigation for Fire Officers Multi-Program, Charting Your Career Path in Fire Investigation, Critical Evaluation and Testing of Commonly Reported Accidental Causes, Fire Investigation for Fire Officers, and Introduction to Appliances.
- 2019 The Deposition Part 1: Format, Content, and Preparation, The Deposition Part 2: Questioning Tactics and Effective Responses, Search and Seizure, Discovery in Criminal Cases, Ethical Duties Beyond the Fire Scene, Discovery in Civil Cases, Legal Aspects of Investigating Youth-Set Fires, Introduction to Youth-Set Fires, Investigating Fire and Explosion Incidents Involving a Line-Of-Duty Death, and Fire Flow Analysis.
- 2018 Fire Chemistry, Residential Natural Gas Systems, Understanding Undetermined, Motor Vehicles: The Engine and Ignition, Electrical, and Fuel Systems, and Motor Vehicles: Transmission, Exhaust, Brake, and Accessory Systems.
- 2017 Basic Electricity, Thermometry, Heat, and Heat Transfer, and Investigating Natural Gas Systems.
- 2013 NFPA 1033 and Your Career.
- 2012 The Practical Application of the Relationship Between NFPA 1033 and NFPA 921, Using Resources to Validate your Hypothesis, and Writing the Initial Origin and Cause Report.
- 2011 The Fire Investigator & the 2011 NFPA 921 Changes, DNA, Fire Protection Systems, Electrical Safety, The Potential Value of Electronic Evidence in Fire Investigations, and Charleston Sofa Super Store Fire.
- 2010 Evidence Examination: What Happens at the Lab?, The HAZWOPER Standard, Fundamentals of Residential Building Construction, Wildland Fire Investigation, Fire Dynamics Calculations, Fundamentals of Interviewing, and Explosion Dynamics.
- 2009 MagneTek: A Case Study in the Daubert Challenge, An Analysis of the Station Nightclub Fire, Documenting the Event, Fire and Explosion Investigations: Utilizing NFPA 1033 and 921, Motive, Means, and Opportunity: Determining Responsibility in an Arson Case, Arc Mapping, Insurance and the Fire Investigation, Effective Investigation and Testimony, and Preparation for the Marine Fire Scene.
- 2008 Fire Investigator Scene Safety, Investigating Motor Vehicle Fires, Digital Photography and the Fire Investigator, Ethics and the Fire Investigator, Introduction to Evidence, Physical Evidence, The Scientific Method for Fire and Explosion Investigation, Critical Thinking Solves Cases, Introduction to Fire Dynamics and Modeling, A Ventilation-Focused Approach to the Impact of Building Structures and Systems on Fire Development, Post-flashover fires, Understanding Fire Through the Candle Experiments, Vacant and Abandoned Buildings: Hazards and Solutions, Managing Complex Fire Scene Investigations, and Investigating Fatal Fires.

**TESTING AND DEMONSTRATIONS:**

To date, I have conducted and/or observed 380 live fire/explosion tests/demonstrations.

**PROFESSIONAL TRAINING PROVIDED AND/OR COORDINATED:**

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To date, I have conducted, coordinated, or assisted with fire investigation training at the following locations:

2023	International Association of Arson Investigators Colorado Chapter (IAAI-CO) Annual Training Conference, Vail, Colorado: Curriculum co-coordinator for the Advanced Fire Investigation Track.
2023	Colorado State Patrol Training Academy, Golden, Colorado: Provided two hours of classroom instruction on Colorado Revised Arson Statutes and basic fire investigation.
2022	International Association of Arson Investigators Colorado Chapter (IAAI-CO) Annual Training Conference, Vail, Colorado: Curriculum co-coordinator for the Advanced Fire Investigation Track.
2022	Colorado State Patrol Training Academy, Golden, Colorado: Provided two hours of classroom instruction on Colorado Revised Arson Statutes and basic fire investigation.
2022	Colorado State Patrol Training Academy, Golden, Colorado: Provided two hours of classroom instruction on Colorado Revised Arson Statutes and basic fire investigation.
2021	National Center for Explosives Training and Research, Huntsville, Alabama: Provided one hour of classroom instruction on thermally induced activation of electric operators (garage door openers).
2021	International Association of Arson Investigators Colorado Chapter (IAAI-CO) Annual Training Conference, Vail, Colorado: Curriculum co-coordinator for the Advanced Fire Investigation Track.
2021	Colorado State Patrol Training Academy, Golden, Colorado: Provided two hours of classroom instruction on Colorado Revised Arson Statutes and basic fire investigation.
2021	Rattle Snake Fire Protection District, Parker, Colorado: Adjunct Instructor for the FI-210 Wildland Fire Origin & Cause Determination 40-hour course which included hands-on wildland fire scene processing instruction and live fire demonstrations.
2020	Rattle Snake Fire Protection District, Parker, Colorado: Adjunct Instructor for the FI-210 Wildland Fire Origin & Cause Determination 40-hour course which included hands-on wildland fire scene processing instruction and live fire demonstrations.
2019	Warren Technical Institute, Lakewood, Colorado: Provided four hours of hands-on fire scene processing instruction.
2019	International Association of Arson Investigators Colorado Chapter (IAAI-CO) Annual Training Conference, Vail, Colorado: Curriculum co-coordinator for the Advanced Fire Investigation Track.
2019	Denver Police Department Training Academy, Denver, Colorado: Provided one hour of classroom instruction on Colorado Revised Arson Statutes and basic fire investigation.
2018	International Association of Arson Investigators Colorado Chapter (IAAI-CO) Annual Training Conference, Vail, Colorado: Provided four hours of instruction on post-blast device recognition.
2018	Windsor Severance Fire Protection District, Windsor, Colorado: Provided two hours of instruction on evidence collection and packaging.
2018	ATF Denver Field Division Citizen Academy, Jefferson County, Colorado: Provided four hours of classroom and hands-on instruction in fire dynamics and basic fire investigation which included two live fire demonstrations.
2018	Rattle Snake Fire Protection District, Parker, Colorado: Adjunct Instructor for the FI-210 Wildland Fire Origin & Cause Determination 40-hour course which included hands-on wildland fire scene processing instruction and live fire demonstrations.



2018	Rocky Mountain Fire Academy, Denver, Colorado: Provided four hours of classroom and hands-on instruction in basic fire investigation and fire dynamics which included live three live fire demonstrations to two separate academy classes for a total of eight hours of instruction.
2017	Rocky Mountain Fire Academy, Denver, Colorado: Provided four hours of classroom and hands-on instruction in basic fire investigation and fire dynamics which included live three live fire demonstrations.
2016	ATF Fort Carson Basic Fire Investigation Course, Colorado Springs, Colorado: Provided 16 hours of hands-on fire scene processing instruction.
2014	Rocky Mountain Fire Academy, Denver, Colorado: Provided four hours of classroom and hands-on instruction in basic fire investigation and fire dynamics which included live three live fire demonstrations to two separate academy classes for a total of eight hours of instruction.
2014	Denver Police Department Training Academy, Denver, Colorado: Provided one hour of classroom instruction on Colorado Revised Arson Statutes and basic fire investigation.
2013	International Association of Arson Investigators Colorado Chapter (IAAI-CO) Annual Training Conference, Vail, Colorado: Provided four hours of instruction on incendiary devices with one live fire demonstration.
2013	Rocky Mountain Fire Academy, Denver, Colorado: Provided four hours of classroom and hands-on instruction in basic fire investigation and fire dynamics which included live three live fire demonstrations.
2013	City of Golden Police Department, Golden, Colorado: Provided four hours of classroom instruction on basic fire investigation and fire dynamics.
2013	Denver Fire Department Advanced Fire Investigation Seminar, Denver, Colorado: Provided four hours of classroom instruction on fire dynamics and ventilation flow path.
2012	Federal Bureau of Investigations (FBI) Evidence Response Team (ERT), Denver, Colorado: Provided three hours of classroom instruction on basic fire investigation, fire dynamics, and fire pattern analysis.
2012	Rocky Mountain Fire Academy, Denver, Colorado: Provided four hours of classroom and hands-on instruction in basic fire investigation and fire dynamics which included live three live fire demonstrations to two separate academy classes for a total of eight hours of instruction.
2012	Union Pacific Railroad Police Department, Denver, Colorado: Provided three hours of classroom instruction on basic fire scene investigations and fire dynamics on two separate occasions for a total of 6 hours of instruction provided.
2012	Denver Public Safety Cadet Program, Denver, Colorado: Provided four hours of classroom instruction on basic fire investigation and fire dynamics.
2012	Children's Hospital Juvenile Fire Setter Intervention Seminar, Aurora, Colorado: Provided a one hour case study presentation.
2011	Rocky Mountain Fire Academy, Denver, Colorado: Provided four hours of classroom and hands-on instruction in basic fire investigation and fire dynamics which included live three live fire demonstrations to two separate academy classes for a total of eight hours of instruction.
2011	Denver Fire Department Advanced Fire Investigation Seminar, Denver, Colorado: Provided four hours of classroom instruction on incendiary devices with two live fire demonstrations.